

# Pathfinder Update

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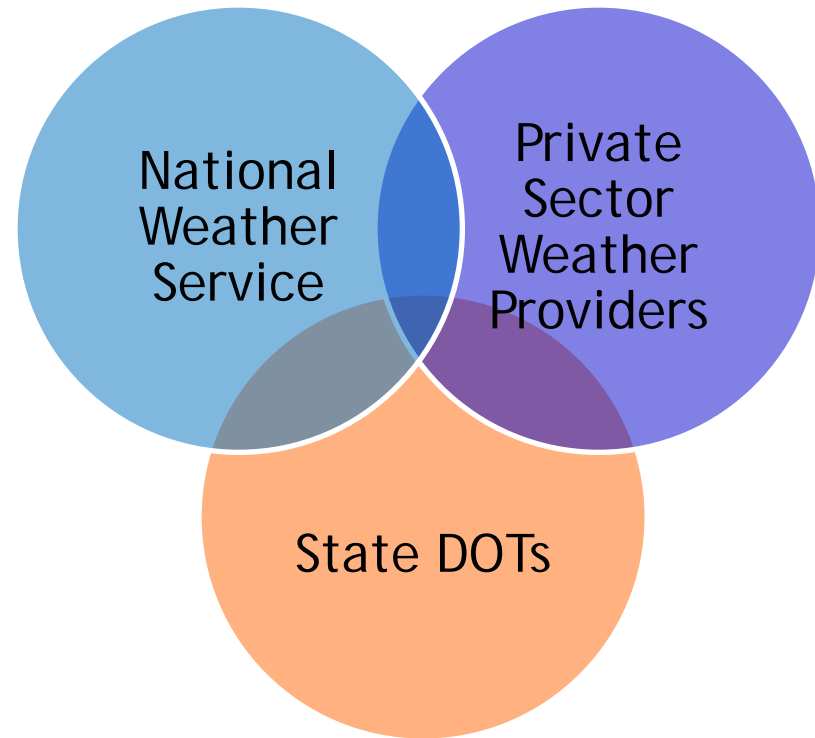
## A Joint Project Between State DOTs and the Weather Enterprise

Road Weather Management Stakeholder Meeting  
Salt Lake City, UT 2014



# Who are the players?

- Weather Enterprise
  - NWS
  - Private Sector
  - Universities
- State DOTs



# Identified 5 Cases that Capture the Working Relationships

- Case 1

Private Sector in the TMC

- Case 2

Private Sector outside the TMC

- Case 3

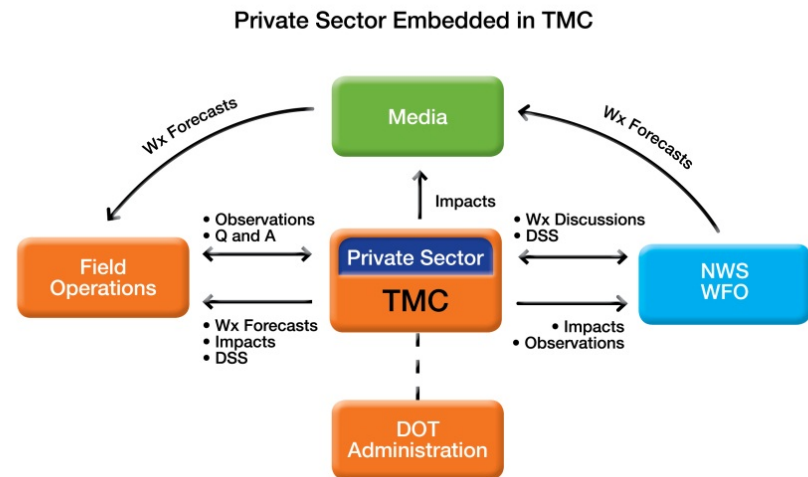
No Private Sector

- Case 4(a)

Private Sector Met and DOT Met

- Case 4(b)

Private Sector Met and DOT Met embedded in the TMC



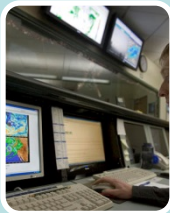
# Project Description and Goals

- Evaluate Current Practices of State DOTs' Interactions and Relationships with the Weather Enterprise
- Document These Interactions
- Provide State DOTs With a Guidance Document Including:
  - Differing Methods of Operations
  - Good Practice
  - Play book



# Participants

## I-80 Coalition



### NWS WFOs

- Sacramento, Reno, Elko, SLC, Riverton, Cheyenne



### Private Sector

- Schneider Electric, Weathernet, Iteris, Day Weather



### State DOTs

- Cal Trans, NDOT, UDOT, WyDOT



# Why the I-80 Coalition States?

Mix of metropolitan and rural areas

Main commercial trucking corridor

Meets all 4 of the identified cases

Range from 1 to 3 WFOs for each state along the corridor

I-80 corridor has established communication protocols



# What Does Success Look Like?

- Improved and Consistent Traveler Information Messaging Along the Corridor
- Clearly Defined Alignment Among the Weather Enterprise
- An Engaged and Communicative State DOT and Weather Enterprise





# Documentation Process For The 2014-15 Season

- Log all interactions
  - NWSChat
  - Phone calls
  - Social media
  - Broadcast media
  - In person meetings
  - etc...
- Collect weather data
- Archive all public messaging including alerts, traveler advisories, 511, VMS and media interactions
- Note any discrepancies in the forecast messaging, and how they were addressed
- Analyze traveler behavior (based on clear consistent messaging)
  - Travel time
  - Delays
  - Changes in AM/PM peaks
- Document any additional resource costs accrued
- Document benefits to:
  - State
  - Public
  - Private Sector
  - NWS





# Where We Are Right Now

- Held Kick-off meeting in SLC April 2014
- Created up to date hierarchal contact lists
- Met with each State DOT and their representative WFO and Private Sector group along the corridor
- Each Team is currently developing a game plan and methodology for the upcoming season



# Where Are We Going?

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## Open Discussion

